

**Claims:**

- 1 1. A system for text entry, text editing, and hyperlink navigation, comprising:  
2 a reduced keyset keystroke sequence;  
3 a keystroke sequence receiver for receiving the sequence;  
4 a keystroke sequence parser for parsing the received sequence;  
5 an input text buffer for receiving the parsed sequence;  
6 storage means for storing and retrieving user interface display screens;  
7 a browser for accessing the display screens;  
8 a video output converter for converting an accessed display screen for display;  
9 the accessed display screen including a hyperlink for option selection and for display  
10 screen navigation,  
11 whereby a user enters a keystroke sequence for entering text, for editing text, for  
12 selecting displayed options, and for navigating the user interface display screens.
- 1 2. The system of claim 1 further including a reduced keyset user input device.
- 1 3. The system of claim 1 further including display means connected to the video output  
2 converter for displaying an accessed user interface display screen.
- 1 4. The system of claim 1 further including communication network means permitting  
2 the storage means to be connected to the browser via a communications network.
- 1 5. The system of claim 4 wherein the sequence receiver, the sequence parser, the  
2 browser, the video output converter, and the communication network means define an  
3 Internet appliance.
- 1 6. The system of claim 1 wherein the reduced keyset keystroke sequence defines text  
2 entry

1 7. The system of claim 6 further including a first text input mode in which each letter of  
2 the alphabet is defined as a two-keystroke sequence.

1 8. The system of claim 7 wherein the letters are define by the following sequences: the  
2 letter "a" by the sequence "2-1", the letter "b" by the sequence "2-2", the letter "c" by the  
3 sequence "2-3", the letter "d" by the sequence "3-1", and so on for the following  
4 correspondences: the letters "a-b-c" corresponding to sequences starting with the number  
5 "2", "d-e-f" with the number "3", "g-h-i" with the number "4" and so on as the letters of the  
6 alphabet correspond to the numbered keys of a standard telephone keypad.

1 9. The system of claim 6 further including a second text input mode in which each letter  
2 of the alphabet is defined as follows: the letter "a" by the sequence "2", the letter "b" by the  
3 sequence "2-2", the letter "c" by the sequence "2-2-2", the letter "d" by the sequence "3",  
4 the letter "e" by the sequence "3-3", and so on as the letters of the alphabet correspond to  
5 the numbered keys of a standard telephone keypad, and wherein the input sequence  
6 consists of a number of presses of the key corresponding to the letter being input, and  
7 wherein the number of presses of the specific key corresponds to the position of the letter  
8 within the letter group.

1 10. The system of claim 1 wherein the reduced keyset keystroke sequence defines  
2 special symbol input.

1 11. The system of claim 1 wherein the reduced keyset keystroke sequence defines a  
2 shortcut input.

1 12. The system of claim 2 wherein the reduced keyset user input device defines a hand-  
2 held remote control unit transmitting the keystroke sequence using an infra-red transmitter.

1 13. The system of claim 12 wherein the keystroke sequence receiver is adapted for  
2 receiving an infra-red transmission.

1 14. The system of claim 2 wherein the reduced keyset user input device defines a  
2 standard wireless telephone transmitting the keystroke sequence using a radio signal.

1 15. The system of claim 14 wherein the keystroke sequence receiver is adapted for  
2 receiving a standard wireless telephone transmission.

1 16. The system of claim 1 further including the keystroke sequence receiver being  
2 adapted to accept a microphone input, and the system also including voice recognition  
3 means for converting the microphone input to the parsed keystroke sequence.

1 17. The system of claim 17 wherein the voice recognition means converts a plurality of  
2 spoken languages limited to spoken digits.

1 18. The system of claim 16 further including microphone means for inputting spoken  
2 digits.

1 19. The system of claim 18 wherein the microphone means includes one of a  
2 microphone, a standard telephone, and a wireless telephone.

1 20. The system of claim 5 wherein the Internet appliance includes microphone input  
2 means for receiving a reduced keyset keystroke sequence in the form of spoken digits.